

34699. SORGHASTRUM STIPOIDES (H. B. K.) Nash. Jaragua grass.
(*Chrysopogon avenaceus* Benth.)

From Rio de Janeiro, Brazil. Presented by Dr. S. Mascarenhas. Received December 16, 1912.

"This seed is a native of Goyaz, Brazil. It is greatly used in the cattle camps, and springs up readily in grounds which have been burned over." (*Mascarenhas.*)

34700 to 34702.

From Shantung Province, China. Grown by Dr. William R. Faries, Coachella, Cal. Received December 17, 1912.

Quoted notes by Dr. Faries:

34700. PHASEOLUS ANGULARIS (Willd.) W. F. Wight. Adzuki bean.

"The red bean was introduced to try as poultry and pigeon food. They have proved good forage for hens and turkeys, and the seeds are eagerly eaten."

34701. PHASEOLUS ANGULARIS (Willd.) W. F. Wight. Adzuki bean.

"The green bean was introduced to try as poultry and pigeon food. These beans are showing modification in that they are longer, apices less flattened than those grown in Shantung. I wonder if they are the 'green gram' of India."

34702. SOJA MAX (L.) Piper. Soy bean.
(*Glycine hispida* Mönch.)

"The yellow bean with hairy pods (soya) I sent to the department in December, 1894, I think, from Pacific Grove, Cal., as 'Manchuria beans,' and they were sent to Maine station. This would result in failure, I think. They did not do well in Orange County, Cal., but grow well here. They are fine for green shelled beans."

34703. CARICA PAPAYA L. Papaya.

From Honolulu, Hawaii. Presented by Mr. J. E. Higgins, horticulturist, Hawaii Agricultural Experiment Station. Received December 18, 1912.

"This seed was grown under our number 2593.1." (*Higgins.*)

34704. HOLCUS HALEPENSIS L. Baru grass.
(*Sorghum halepense* Pers.)

From Seharunpur, India. Presented by Mr. A. C. Hartless, superintendent, Government Botanic Gardens, through Mr. C. V. Piper, of the United States Department of Agriculture. Received December 18, 1912.

"*Effusus*. This grass is a native in the Ganges Valley, and is closely related to the Johnson grass of the Southern States, but differs in having a larger and more open panicle." (*Piper.*)

34705 to 34709. CANAVALI spp.

From Miami, Fla. Grown by Mr. Edward Simmonds at the Plant Introduction Field Station. Received December 18, 1912.

"This seed was received in 1908 from Mr. J. S. Houser, of the Cuban experiment station. It has proven very satisfactory as a green-manure crop at Miami, the plant continuing to grow throughout the winter season." (*Simmonds.*)

34705. Brown.

34708. Greenish brown mottled.

34706. Brown mottled.

34709. Pinkish brown.

34707. Greenish brown.